GE-1150

Fiber NIC

GE-1150:
PCI 32-Bit Gigabit 1000Base-X Fiber NIC

Key Features
- High bandwidth 1000Mbps Network Speed
- Supports Full-Duplex Mode
- Supports IEEE 802.3x Full-Duplex Flow
- Supports 32 bits PCI bus
- Compliant with PCI 2.2 Interface
- Supports Jumbo Frame up to 9014 Bytes
- Supports High Level VLAN Filtering Function
- Supports 802.3ad Link Aggregation (LACP)
- Supports on-board verification of IP headers and TCP / UDP checksums for received data
- Supports on-board screening of VLAN tagged Ethernet frames
- Support ASF
- RoHS Compliance

Overview
GE-1150 is a Fiber Gigabit Ethernet to 32 bits PCI bus adapter that fully complies with all IEEE 802.3z and 1000Base-SX/LX standards. It provides up to 2000Mbps full-duplex bandwidth capacity to support high-end servers. In addition, with advanced functions like VLAN filtering packet processing, the adapter provides added performance, flexible configuration and secure networking for users in a standards-based environment. Two LED indicators (LINK/ACT and FDX) on the bracket will help to oversee the board link, activities and full-duplex status

Technical Specifications
- **Standards:** IEEE 802.3z Gigabit Ethernet 1000Base-SX/LX
  IEEE 802.3x Full-Duplex Flow Control
  IEEE 802.3ad Link Aggregation
  IEEE 802.1Q VLANs
  IEEE 802.1p Quality of Service
- **Connector:** 850nm SC multi-mode (Default)
  *850nm LC multi-mode
  *1310nm SC, LC single-mode
  *1550nm SC, LC single-mode
  *: Option is available upon request
- **Fiber Optic Cable:** 62.5/125, 50/125μm multi-mode
  9/125μm single-mode
- **Data Transfer Mode/Speed:**
  ---Full duplex with NWay flow control
  ---1000Mbps speed
- **Diagnostics LED on Bracket:**
  ---LINK/ACT
  ---FDX
- **Bus Slot:** 32 bits PCI 2.2 Compliant
- **Power Requirement:** Max. 10W, +5VDC@2A
- **Ambient Temperature:** 0 to 50℃
- **Humidity:** 5% to 90%
- **PCB Dimensions:** 128.5(L)x57.5(H)mm
- **Weight:** 0.07Kg
- **Emission:** Complies with EMI Standard, FCC Class A & CE Mark
- **Software Support:**
  Windows 2000
  Windows 2003
  Windows XP
  Windows NT4.0
  Novell Netware 4.x, 5.x, 6.x
  Linux
  UnixWare 7.0
  PXE & RPL Boot ROM
  SCO Open Server
  Solaris

Packing Information

Carton Dimensions (mm)	pcs/Carton	N.W (KG)	G.W (KG)
530x512x345	60	10.8	11.8

Ordering Information

GE-1150SC	PCI 32-Bit Gigabit 1000Base-X Fiber Card, SC Multi-Mode
GE-1150LC	PCI 32-Bit Gigabit 1000Base-X Fiber Card, LC Multi-Mode (By Call)
GE-1150SC.S10	PCI 32-Bit Gigabit 1000Base-X Fiber Card, SC Single Mode 10Km
GE-1150SC.S30	PCI 32-Bit Gigabit 1000Base-X Fiber Card, SC Single Mode 30Km (By Call)
GE-1150SC.S50	PCI 32-Bit Gigabit 1000Base-X Fiber Card, SC Single Mode 50Km (By Call)

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